

PLUS Search Results for S/N 10804291, Searched June 23, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5418170
5435198
5472882
6346419
4318392
4329316
4412523
4620883
5268302
5704219
5871560
4255121
4306858
4319826
4327551
4345330
4411203
4435345
4501725
4579051
4597257
4809672
4867127
4979823
5011590
5317862
5413691
5423180
5472986
5500032
5527464
5551283
5725425
5727482
5816705
5828026
5882115
5915311
5932791
5979369
6247300
6268029
4251236
4261167
4265088
4274911
4279208
4302205
4306939
4358747

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10804291 on June 23, 2005

- 4 436/172 (0 OR, 4 XR)
Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
TESTING
436/164 OPTICAL RESULT
436/172 .With fluorescence or luminescence
- 3 431/328 (0 OR, 3 XR)
Class 431 : COMBUSTION
431/326 POROUS, CAPILLARY, PARTICULATE OR SIEVELIKE
FLAME HOLDER, E.G., RADIANT SURFACE BURNER, ETC.
431/328 .Means supplying fuel for passage through the
flame holding structure, e.g., radiant surface burner
- 3 436/111 (2 OR, 1 XR)
Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
TESTING
436/106 NITROGEN CONTAINING
436/111 .Amine and quaternary ammonium
- 2 60/39.12 (1 OR, 1 XR)
Class 060 : POWER PLANTS
60/39.01 COMBUSTION PRODUCTS USED AS MOTIVE FLUID
60/39.12 .With combustible gas generator
- 2 110/235 (0 OR, 2 XR)
Class 110 : FURNACES
110/235 REFUSE INCINERATOR
- 2 126/116A (0 OR, 2 XR)
Class 126 : STOVES AND FURNACES
126/99R HOT-AIR FURNACES
126/116R .Liquid or gaseous fuel
126/116A ..Automatic control
- 2 126/91A (1 OR, 1 XR)
Class 126 : STOVES AND FURNACES
126/99R HOT-AIR FURNACES
126/58 .Heating
126/79 ..Smoke and gas returning
126/85R ...Gas
126/91RRadiator type
126/91AElongated radiant tube
- 2 204/426 (0 OR, 2 XR)
Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
204/193 APPARATUS
204/194 .Electrolytic
204/400 ..Analysis and testing
204/421 ...Solid electrolyte
204/424Gas sample sensor
204/426Planar electrode surface
- 2 209/3.1 (0 OR, 2 XR)
Class 209 : CLASSIFYING, SEPARATING, AND ASSORTING SOLIDS
209/3 PRECEDENT PREPARATION OF ITEMS OR MATERIALS TO
FACILITATE SEPARATION
209/3.1 .Sorting special items or sorting by methods
and apparatus includible in subclasses 509 through 707

10804291_CLSTITLES.txt

- 2 374/36 (0 OR, 2 XR)
 Class 374 : THERMAL MEASURING AND TESTING
 374/31 CALORIMETRY
 374/36 .Heat value of combustion (e.g., 'calorific value')

- 2 374/37 (2 OR, 0 XR)
 Class 374 : THERMAL MEASURING AND TESTING
 374/31 CALORIMETRY
 374/36 .Heat value of combustion (e.g., 'calorific value')
 374/37 ..Having specified control of input of mixture

- 2 422/52 (1 OR, 1 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
 LABORATORY DEVICE
 422/52 .Chemiluminescent

- 2 422/80 (0 OR, 2 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
 LABORATORY DEVICE
 422/68.1 .Means for analyzing liquid or solid sample
 422/78 ..Including means for pyrolysis, combustion, or
 oxidation
 422/80 ...And means directly analyzing evolved gas

- 2 422/82.08 (0 OR, 2 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
 LABORATORY DEVICE
 422/68.1 .Means for analyzing liquid or solid sample
 422/82.05 ..Measuring optical property by using
 ultraviolet, infrared, or visible light
 422/82.08 ...Fluorescence

- 2 436/47 (0 OR, 2 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/43 AUTOMATED CHEMICAL ANALYSIS
 436/47 .With conveyance of sample along a test line in
 a container or rack

10804291_CLS.txt
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10804291 on June 23, 2005

Original Classifications

2 374/37
2 436/111

Cross-Reference Classifications

4 436/172
3 431/328
2 110/235
2 126/116A
2 204/426
2 209/3.1
2 374/36
2 422/80
2 422/82.08
2 436/47

Combined Classifications

4 436/172
3 431/328
3 436/111
2 60/39.12
2 110/235
2 126/116A
2 126/91A
2 204/426
2 209/3.1
2 374/36
2 374/37
2 422/52
2 422/80
2 422/82.08
2 436/47

AN 1992:217711 CAPLUS

DN 116:217711

TI New instrumental technique for the analysis of high **energy content** fuels

AU Hutte, R.

CS Sievers Res. Inst., Boulder, CO, USA

SO Report (1990), WRDC-TR-89-2018; Order No. AD-A230 130, 29 pp. Avail.:

NTIS

From: Gov. Rep. Announce. Index (U. S.) 1991, 91(12), Abstr. No. 131,046

DT Report

LA English

:ab

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN

AB The feasibility of a catalytic (e.g., with Au, Pd, and Pt) redox **chemiluminescence** detector (RCD) was evaluated for the selective detn. of cycloalkanes and antioxidants in jet fuels. The Au catalyst at 300.degree. gave the best selectivity for cycloalkanes (40:1 for hexane and 3:1 for nonane), which decreased with increasing temp. The Pd and Pt catalysts did not demonstrate adequate selectivity. Overall, the catalysts did not exhibit sufficient selectivity to permit detection of cycloalkanes (vs. acyclic alkanes). In contrast, the selectivity of the RCD for easily oxidized compds. (e.g., phenols) vs. hexane was typically 104-106:1.